

FORM PTO-1449 U.S. Department of Commerce  
(Rev. 4/92) Patent and Trademark Office

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.  
APV31929

SERIAL NO.  
10/577,354

APPLICANT  
Paul Alexander DE VRIES et al.

FILING DATE  
April 28, 2006

GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1 5 6 2 0 9 0	11/25	W. Hoopes			
	1 9 3 8 1 0 1	12/33	A.E. Hall			
	3 2 9 6 8 1 1	01/67	F.L. Stoller			
	3 3 0 3 0 1 9	02/67	S.C. Jacobs			
	3 3 0 8 6 6 6	03/67	A.R. Anderson et al.			
	3 6 7 1 2 2 9	06/72	M.E. Ferber et al.			
	3 8 3 9 0 1 9	10/74	Bruno et al.			
	3 8 4 0 3 6 4	10/74	Flemmings et al.			
	4 0 4 3 8 0 2	08/77	Esdaile et al.			
	4 0 5 0 6 8 3	09/77	Langhammer			
	4 0 9 9 9 6 5	07/78	Beguin et al.			
	4 1 3 3 5 1 7	01/79	Esdaile et al.			
	4 2 2 2 8 3 0	09/80	Dawless et al.			
	4 2 3 9 6 0 6	12/80	Dawless et al.			
	4 4 1 1 7 4 7	10/83	Dawless et al.			
	4 4 5 6 4 8 0	06/84	Wintenberger			
	4 5 8 1 0 6 2	04/86	Boutin			
	4 7 3 6 3 1 4	04/88	Riese et al.			
	4 7 4 4 8 2 3	05/88	Raymond-Seraille			
	4 7 8 1 7 7 1	11/88	Masumoto et al.			
	5 1 6 0 5 3 2	11/92	Benz et al.			
	5 7 4 1 3 4 8	04/98	Van Der Donk et al.			
	5 9 6 8 2 2 3	10/99	Eckert			
	6 1 4 3 0 7 0	11/00	Bliss et al.			

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6	2	2	4	6	4	8	05/01	Verdoes et al.			
		6	2	9	0	9	0	0	09/01	Hatano et al.			
		6	3	5	5	0	8	5	03/02	Pillin et al.			

### FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
		0	7	4	5	6	9	3	12/96	EP				
		1	2	8	8	3	1	9	03/03	EP				
		1	3	8	0	6	5	9	01/04	EP				
		7	0	7	0	6	6	6	03/95	JP			abstract only	
	5	2	1	3	5	7	9	7	11/77	JP			abstract only	
	5	5	0	5	0	4	4	2	04/80	JP			abstract only	
	5	7	1	5	2	4	3	5	09/82	JP			abstract only	
	5	8	1	0	4	1	3	2	06/83	JP			abstract only	
	5	9	0	2	8	5	3	8	02/84	JP			abstract only	
	6	0	2	3	4	9	3	0	11/85	JP			abstract only	
		2	1	0	5	0	8	4	02/98	RU			abstract only	
		1	5	9	4	1	5	4	06/70	FR				X

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													YES	NO
		0	6	1	5	5	9	0	01/49	GB				
		1	3	5	2	5	6	7	05/74	GB				
		2	1	5	4	3	1	5	09/85	GB				
	2005	0	9	5	6	5	8		10/05	WO				
		1	5	8	9	1	7	3	08/90	SU				abstract only
			2	5	8	2	8	3	07/88	DD				Mach. Trans of Abstract
		4	3	2	5	7	9	3	02/95	DE				Mach. Trans & Abstract

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Perry's Chemical Engineers' Handbook, 7 <sup>th</sup> ed., McGraw-Hill, 1997, pp. 18-5 to 18-13.
	Fourth Int'l Symposium on Recycling of Metals and Engineered Materials TMS (The Minerals, Metals, and Materials Society) 2000, pp. 979-991, Refining of a 5xxx Series Aluminium Alloy Scrap by ALCOA Fractional Crystallization Process, by Ali Unal.
	US Published Patent Appln. No. 2001/0031823 A1, (Appln. No. 09/728,706), Atchetee et al., Filed December 1, 2000, Published October 18, 2001.
	US Published Patent Appln. No. 2004/0261572 A1, (Appln. No. 10/488,042), De Vries, Filed August 30, 2002, published December 30, 2004.
	US Published Patent Appln. No. 2006/0162491 A1, (Appln. No. 10/516,889), De Vries et al., Filed June 27, 2003, Published July 27, 2006.
	US Published Patent Appln. No. 2005/0178239 A1, (Appln. No. 10/516,888), De Vries et al., Filed June 27, 2003, Published August 18, 2005.
	US Published Patent Appln. No. 2005/0039578 A1, (Appln. No. 10/491,278), De Vries et al., Filed Oct 2, 2002, Published Feb. 24, 2005.
	Unpublished Patent Appln. No. 10/598,731, De Vries, Filed September 8, 2006.
	US Published Patent Appln. No. 2007/0023110 A1, (Appln. No. 11/492,226), De Vries et al., Filed July 25, 2006, Published Feb. 1, 2007.

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